

Watson

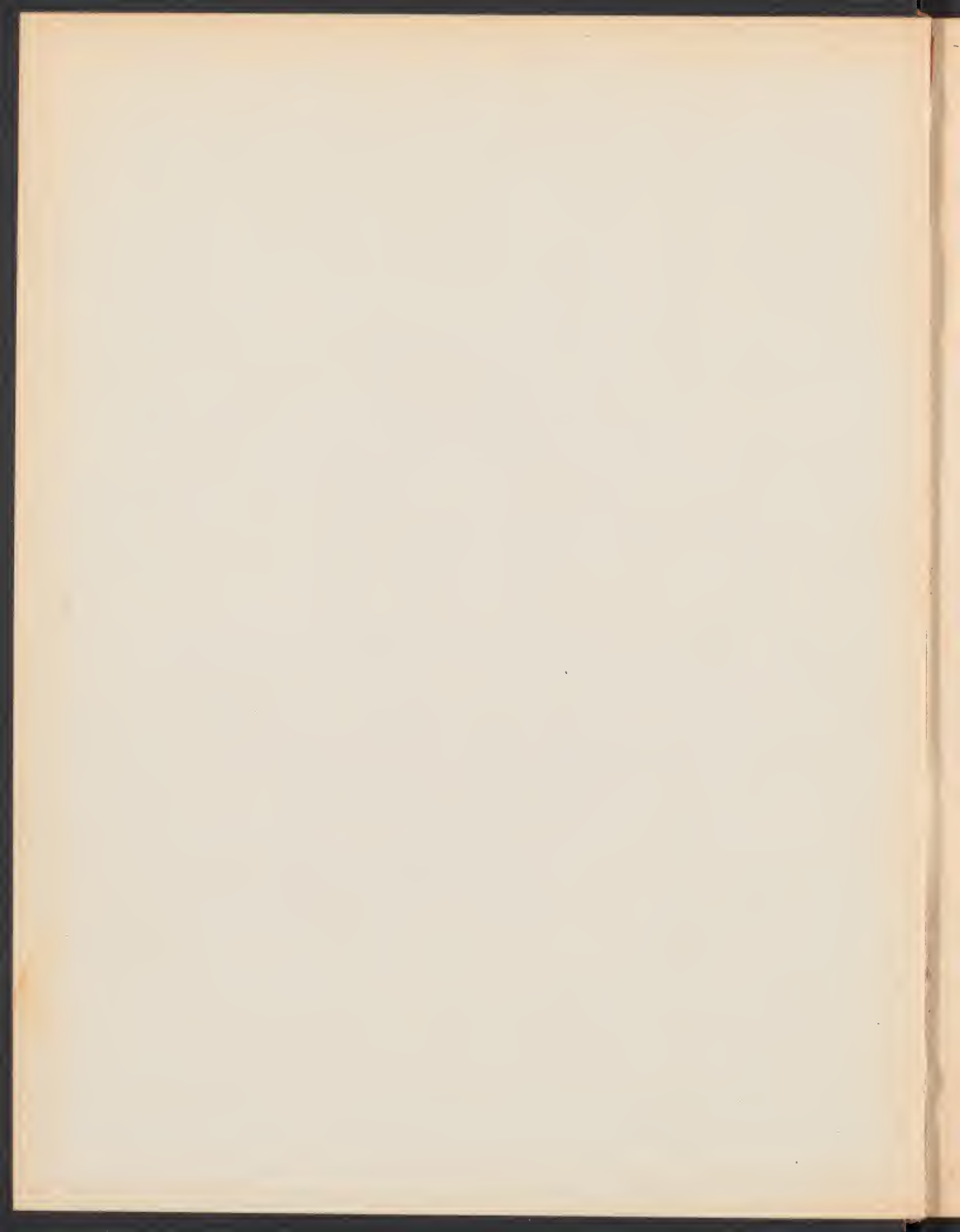
W-21a

Flora

of

New England, New York
and adjacent Canada.

By Ernest Watson





1. Ranunculaceae

1. Clematis 1. Virginiana, L. N.S. & N.B. to Ont. (M. F.)

2. ochroleuca, Ait.

3. verticillaris, DC. N.B. (F.) - Near Quebec to Ont. (M.) -

Viorna, L.

2. Anemone 1. parviflora, Mx. Lab. to Newf. and Gaspé (M.)

2. multifida, DC. N.B. and Gaspé, westward (M. F.)

3. cylindrica, Gray. Q. to Ottawa (M.) -

4. Virginiana, L. N.B. and Gaspé, westward. (M. F.)

5. Pennsylvanica, L. N.S. and Gaspé, westward. (M. F.)

6. nemorosa, L. N.B. and Gaspé, westward (M. F.)

3. Hepatica 1. triloba, Chaix. N.S. and N.B. to near Quebec, westward. (M.)

2. acutiloba, DC. Near Quebec to Ont. (M.)

4. Anemone thalictroides, Spach. Near N. Falls, or Peter L. (M.) -

5. Thalictrum 1. dioicum, L. N.B. and Gaspé, westward. (M. F.)

2. polygamum, Muhl. Lab. to Newf. and N.S., westward (M. F.)

3. purpurascens, L. Q. to Ont. (M.)

4. alpinum, L. Anticosti and Newf. (M.)

Adonis autumnalis, L.

b. Ranunculus Ficaria, L.

1. circinatus, Sibth.

2. agrostidis, L. C.B., N.B. and w. (M.F.) -

3. Cymbalaria, Pursh. N.S. and Gaspé, w. (M.F.)

4. multifidus, Pursh. C.B., N.S., N.B., and west. (M.F.)

5. ambiguus, Watson. S. Ont. (M.) -

6. Flammula, L., var. repens, E. Meyer. N.S., N.B. and w. (M.F.)

7. pusillus, Poir.

? rhomboides, Goldie. near ^{and Ont.} Montreal (M.)

8. abortivus, L. Nfld. to Q. & Ont. (M.)

var. micranthus, Gray. N.S. to Q. & Ont. (M.)

9. aceleratus, L. N.B. & Gaspé to Ont. (M.F.)

10. renovatus, Poir. Lab. to N.S. & Ont. (M.)

11. fascicularis, Muhl. Ont. (M.)

12. septentrionalis, Poir. Nfld. & Gaspé to Ont. (M.)

? repens, L. Q. (M.)

13. Pennsylvanicus, L. f. N.S. & Gaspé to Ont. (M.)

Ranunculus bulbosus, L. N.S., Ont. (M.)

acris, L. N.S. to Q. & Ont. (M. 7.)

7. Salma palustris, L. N.S. and Ont. to Ont. (M. 7.)

8. Trollius laxus, Salisb. "Mts. of Cariboo" (M.)

9. Coptis trifolia, Salisb. ^{Lab. &} N.S. to Ont. (M. 7.)

Helleborus viridis, L.

10. Aquilegia Canadensis, L. N.S. to Q. & Ont. (M. 7.)

vulgaris, L. N.S. to Q. (M. 7.)

11. Delphinium Consolida, L. Ont. (M.)

12. Aconitum Noveboracense, Gray.

uncinatum, L.

13. Cimicifuga racemosa, Nutt. S.W. Ont. (M. 7.)

14. Actaea s. spicata, L., var. rubra, Ait. N.S. & N.B. to Ont. (M. 7.)

2. alba, Brijet. N.S. & Ont. to Ont. (M. 7.)

15. Hydrastis Canadensis, ^{S.W.} Ont. (M.)

16. Xanthoxylum apiifolia, Marsh.

2. Magnoliaceae1. Magnolia glauca, L.2. acuminata, L.2. Liriodendron tulipifera, L. S.W. Ont. (M.)3. Anonaceae.1. Asimina triloba, Lunal, N. shore of L. Erie. (M.)4. Menispermaceae.1. Menispermum Canadense, L. Mont. to Ont. (M.)5. Berberidaceae.1. Berberis vulgaris, L. N.W. and N.B. to Ont. (M. F.)2. Caulephyllum thalictroides, Mx. N.B. to Q. and Ont. (M. F.)3. Jeffersonia diphylla, Pers. S.W. Ont. (M.) -4. Podophyllum peltatum, L. near Mont., Ont. (M.) -6. Nymphaeaceae.1. Brasenia peltata, Pursh. N.S. & N.B. to Ont. (M. F.) -2. Nelumbo lutea, Pers. Haldimand Co., Ont. (M.)3. Nymphaea odorata, Ait. N.S. & N.B. to Ont. (M. F.) -var. minor, Sims. Ont. (M.) -

Synanthus (2.) reniformis, DC. L. Ont. & Erie (M.).-

4. Nuphar (1) advena, Ait. f. Nup. and Lab. to Ont. (M. F.)

var. minus, ^{Cape Breton} Morong. Ottawa R. (M.).

(2.) Kalmianum, Ait. Nup. & N. B. to Ont. (M. F.)

7. Sarraceniacae.

1. Sarracenia purpurea, L. Lab. & Nup. to Ont. (M. F.)

8. Papaverraceae.

1. Sanguinaria Canadensis, L. N. S. & N. B. to Ont. (M. F.)

Chelidonium majus, L. N. B. to Ont. (M. F.)

Glancium luteum, Scop.

Papaver somniferum, L. ^{N. S. &} N. B. to Ont. (M. F.)

dubium, L.

Rhœas, L. Ottawa (M.).-

Argemone Mexicana, L.

9. Fumariaceae.

1. Adlumia cirrhosa, Raf. ^{Ont.} Temiscanate, Q. (M.)

2. Dicentra Elucallaria, DC. N. S. & N. B. to Ont. (M. F.)

(2.) Canadensis, DC. N. S., Q. & Ont. (M.)

Dianthus (3) eximia, DC.

3. Conyialis (1) glauca, Pursh. N.S., Q. & Ont. (M.)

(2) aurea, Willd. ? Q. & Ont. (M.)

Humaria officinalis, L. N.S., Q. & Ont. (M. & F.)

10. Cruciferae.

1. Dentaria (1) diphylla, L. N.S. & N.B. to Ont. (M. & F.)

(2) laciniata, Muhl. S. Q. to Ont. (M.) -

(3.) maxima, Nutt.

2. Cardamine (1) rhomboides, DC. N.S., Ont. (M.)

var. purpurea, Torr. Beauharnois Co., Q., and Ont. (M.)

?

(2) rhombifolia, Mx. ~~Ont. (M.)~~

(3) bellidifolia, L.

(4) pratensis, L. Lob. to N.B. & Ont. (M. & F.)

(5) hirsuta, L. N.S. west & north. (M.) -

3. Arabis (1) hirsuta, Scop. Gaspé & N.B. to Ont. (M. & F.)

(2) laevigata, Riv. Above Quebec, Ont. (M.)

Arabis (i) Canadensis, L. Ont. (M.)

L

(4) perfoliata, Lam. near Montreal to Ont. (M.)

(5) confinis, Watson. Gaspe [?] & Anticosti; N.S.B. (M.P.)

(6) lyrata, L. ~~Ont.~~ Ont. (M.)

(7) dentata, Tuck.

(8) alpina, L. Lab. to Gaspe (M.)

4. Draba (i) incana, L. Lab. to N.B.

var. arabizans, Watson. ^{Anticosti} Gaspe, & lower St. L. (M.)

(2) Caroliniana, Walt. Harting Co., Ont. (M.)

? (3) androsacea, Wahl. Gaspe (M.)

? (4) nemorosa, L. "near mural" (M.)

virga, L. near Q. (M.)

Alyssum calycinum, L. Ont. (M.)

maritimum, L.

? montanum

Candina cativa, Crantz. N.S. to Ont. (M.)

? Cochlearia tridactylites, Banks. Lab. & Anticosti (M.)

16/ Asperula arvensis, W. - Ambicotti (M.)

5. Subularia aquatica, L.

6. Nasturtium officinale, R. Br. N.S. to Ont. (M.)

sylvestris, R. Br.

(1) palustre, DC. N.B. to Q. to Ont. (M. F.)

(2) lacustre, Gray. near Montreal, and Ont. (M.)

? (3) amphibium, R. Br. Gaspé to Ont.

Armoracia, Fries. Q. and Ont. (M.)

Barbarea vulgaris, R. Br. N.S. + N.B. to Ont. (M. F.)

pratensis, R. Br.

Hesperis matronalis, L. Montreal, Ont. (M.)

7. Erpidium (Asperum), DC.

(2) cheiranthoides, L. ^{N.B. & near Q.} Ont. (M.)

orientale, R. Br.

8. Sisymbrium (humile), Meyer.

(2) canescens, Nutt. near Montreal "var." (M.) -

solanum, L. Gaspé to Ont. (M.)

Sisymbrium officinale, Scop. Am. (M.)

Thaliana, Gand. Holland, Dut. (M.)

Brassica Sinapistrum, Boiss. N.B. to Dut. (M.)

alba, Gray. N.B., ^{mer} R., & Dut. (M. F.)

nigra, Koch. N.S. & Caspi to Dut. (M. F.)

Caprilla Bursa-pastoris, Moench. Am. (M.)

Thlaspi arvense, L. G. & Am. (M.)

9. Lepidium Virginicum, L. quib. to Dut. (M.)

(2) intermedium, Gray. Dut. (M.)

rudicale, L. N.S., N.B., Dut. (M. F.)

campestre, R. Br. S.W. Dut. (M.)

Draba, L. Simcoe, Dut. (M.)

sibiricum, L. Caspi (M.)

Senebiera Didyma, Pers. N.S. & Caspi (M.)

Coronopus, DC. N.B. & Caspi (M.)

10. Cakile Americana, Nutt. Shores & beaches (M.)

Raphanus Raphanistrum, L. N.S., N.V., Ont. (M.)

11. Capparidaceae.

1. Polunisia graveolens, Raf. near mont. E Ont. (M.)
 & St. John.

12. Resedaee

Reseda luteola, L.

lutea, L.

13. Cistaceae.

1. Helianthemum Canadense, Mx. ^{N.S.} Ont. (M.)

2. Hudsonia (1) ericoides, L. ~~Habitat~~ N.S. (M.)

(2) tomentosa, Nutt. N.S. on V.S. to Ont. (M.)

3. Lechea (1) major, Mx. Ont. (M.)

(2) hymifolia, Mx. N.V. (M. 7.)

(3) minor, L. N.V. to Q. & Ont. (M.)

var. maritima, Gray.

(4) humifolia, Mx.

(5) racemulosa, Lam.

14. Violaceae1. Viola (1) pedata, L.var. bicolor, Pursh.(2) palmata, L.var. cucullata, Gray.(3) sagittata, Ait.(4) Selkinkii, Pursh.(5) palustris, L.odorata, L.(6) blanda, Willd.var. palustriformis, Gray.var. renifolia, Gray.(7) primulaefolia, L.(8) lanceolata, L.(9) rotundifolia, Mx.(10) pubescens, Ait.(11) Canadensis, L.(12) striata, Ait.

Viola (13) rostrata, Pursh.

(14) canina, L.

tricolor, L., var.

2. Silene concolor, Ging. Ont. (N.)

15. Caryophyllaceae.

Dianthus Armeria, L.

deltoidea, L.

barbatus, L.

Gypsophila microdis, L.

Saponaria officinalis, L.

Yuccaria, L.

1. Silene (1) acaulis, L.

(2) stellata, Ait.

acutobolus, Mibel.

(3) Pennsylvanica, Mx.

(4) Virginica, L.

Silene (5) ambrosioides, L.

Armeria, L.

noctiflora, L.

2. Lychnis (1) alpina, L.

? (2) affinis, Wahl.

respurpurea, Sibth.

diurna, Sibth.

lituago, Lam.

frons-cuculi, L.

3. Armeria aspyrifolia, L.

(1) Caroliniana, Walt.

(2) Michauxii, Hook. f.

(3) venosa, L.

(4) Groenlandica, Spreng.

(5) latiflora, L.

(6) puploides, L.

Arenaria (7) *arctica*, Stev.

4. *Stellaria media*, Smith.

(1) *longifolia*, Muhl.

(2) *longipes*, Goldie.

graninea, L.

(3) *whigginosa*, Mun.

(4) *borealis*, Big.

(5) *humifusa*, Rothb.

? (6) *crassifolia*, Ehrh.

5. *Crastium viscosum*, L.

vulgatum, L.

(1) *alpinum*, L.

(2) *mutans*, Raf.

(3) *arvense*, L.

var. *longifolium*, Hall. & Ait.

(4) *trigynum*, Vill.

6. *Sagina* (1) *procumbens*, L.

(2) *arabica*, L.

Sagittaria (3) decumbens, Torr.

(4) nodosa, Fendl.

7. Berula (2) rubra, Dumort.

(2) maritima, Dumort.

(3) borealis, Watson.

Spergula arvensis, L.

16. Portulacaceae.

Portulaca oliracea, L.

grandiflora, Hook.

1. Claytonia (1) Virginica, L.

(2) Caroliniana, Michx.

2. Montia fontana, L.

17. Elatinaceae.

1. Elatine Americana, Arn.

18. Hypericaceae.

1. Ascyrum (1) etans, Michx.

(2) Corymbosum, L.

2. Hypericum || Acyron, L.

(2) Kalmianum, L.

(3) adpressum, Bart.

(4) ellipticum, Hook.

perforatum, L.

(5) maculatum, Walt.

(6) nudatum, L.

(7) Canadense, L.

(8) nudicaule, Walt.

3. Elodes campanulata, Pursh.

19. Malvaceae.

Althaea officinalis, L.

Malva rotundifolia, L.

sylvestris, L.

crispa, L.

moschata, L.

Alcea, L.

Sida apinosa, L.

Abutilon Arizonicum, Carter.

1. Kosteletykia Virginica, Gray.

2. Hibiscus (1) Moscheutos, L.

Trionum, L.

? Syrinaus, L.

20. Tiliaceae.

1. Tilia (1) Americana, L.

(2) pubescens, Ait.

21. Linaceae.

1. Linum (1) Virginianum, L.

(2) striatum, Walt.

(3) sulcatum, Riddell.

usitatissimum, L.

22. Geraniaceae.1. Geranium (1) maculatum, L.(2) Robertianum, L.(3) Carolinianum, L.pusillum, L.dissectum, L.Columbinum, L.Erodium Cicutarium, L'Her.moschatum, Willd.2. Filorhiza proserpinacoides, Willd.3. Oxalis (1) Acaesella, L.(2) violacea, L.(3) corniculata, L.4. Impatiens (1) pallida, Nutt.(2) fulva, Nutt.23. Rutaceae.1. Xanthoxylum Americanum, Mill.2. Ptelea trifoliata, L.

24. Ilicineae.1. Ilex (1) opaca, Ait.(2) monticola, Gray.(3) verticillata, Gray.(4) laevigata, Gray.(5) glabra, Gray.2. Demopanthus fascicularis, Raf.25. Celastraceae.1. Celastrus scandens, L.2. Euonymus (1) atropurpureus, Jacq.(2) Americanus, L.26. Rhamnaceae.1. Rhamnus alnifolia, L'Her.cathartica, L.2. Ceanothus (1) Americanus, L.(2) ovatus, Desf.

27. Vitaceae.1. Vitis (1) Labrusca, L.(2) aestivalis, Michx.(3) cordifolia, Michx.(4) riparia, Michx.2. Ampelopsis quinquefolia, Michx.28. Sapindaceae.1. Acer (1) Pennsylvanicum, L.(2) spicatum, Lam.(3) saccharinum, Wang.var. nigrum, T. & G.(4) dasycarpum, Ehrh.(5) rubrum, L.(2) Negundo acroides, Moench.3. Staphylea trifolia, L.

29. Anacardiaceae.1. Rhus (1) typhina, L.(2) glabra, L.(3) copallina, L.(4) venenata, DC.(5) Toxicodendron, L.(6) Canadensis, Marsh.30. Polygalaceae.1. Polygala (1) pauciflora, Willd.(2) polygama, Walt.(3) Senega, L.(4) sanguinea, L.(5) multiflora, DC.(6) cruciata, L.(7) brevifolia, Nutt.(8) verticillata, L.var. ambigua

31. Leguminosae.1. Baptisia tinctoria, R. Br.2. Crotalaria capitatis, L.Cenista tinctoria, L.3. Lupinus perennis, L.4. Trifolium arvense, L.pratense, L.medium, L.(1) reflexum, L.

?

(2) stoloniferum, Muhl.repens, L.hybridum, L.agrarium, L.procumbens, L.Melilotus officinalis, Willd.alba, Lam.Medicago sativa, L.repens, L.

Medicago maculata, Willd.

denticulata, Willd.

5. Tephrosia virginiana, Pers.

Robinia pseudacacia, L.

6. Astragalus (1) canadensis, L.

(2) alpinus, L.

(3) Robinsonii, Gray.

(4) Cooperi, Gray.

7. Oxytropis campestris, DC., var.

? Glycyrrhiza lepidota, Nutt.

Coronilla varia, L.

8. Hedysarum boreale, Nutt.

9. Desmodium (1) undiflorum, DC.

(2) acuminatum, DC.

(3) paniculatum, DC.

(4) rotundifolium, DC.

var. glaberrimum, Gray

Desmodium (-) canescens, DC.

(6) cuspidatum, T. & G.

(7) viridiflorum, Beck.

(8) Dillenii, Darling.

(9) paniculatum, DC.

(10) Canadense, DC.

(11) rigidum, DC.

(12) ciliare, DC.

(13) Marylandicum, T. Benth.

10. Leptodeya (1) procumbens, Mx.

(2) viduacea, Pers.

(3) reticulata, Pers.

(4) Stuevei, Nutt.

var. intermedia, Nelson.

(5) polystachya, Mx.

(6) capitata, Mx.

11. Stylozanthus elatior, Swartz.

12. Vicia sativa, L.

Tetrasperma, L.

hirsuta, Koch.

(1) Cracca, L.

(2) Caroliniana, Walt.

(3) Americana, Muhl.

13. Lathyrus (1) maritimus, Bigel.

(2) ochroleucus, Hook.

(3) palustris, L.

var. myrtifolius, Gray.

pratensis, L.

14. Apios tuberosa, Moench.

15. Phaseolus pumilus, Walt.

16. Strophostyles (1) angulosa, Ell.

(2) peduncularis, Ell.

17. Clitoria Mariana, L.

18. Amphicarphaea (1) monorica, Nutt.

(2) Pitheuri, T. & G.

19. Galactia glabella, Mx.

20. Cercis Canadensis, L.

21. Cassia (1) Mariandica, L.

(2) Chamaecrista, L.

(3) nictitans, L.

22. Gymnocladus Canadensis, Lam.

23. Eleocharis triacanthos, L.

32. Rosaceae.

1. Prunus (1) Americana, Marsh.

(2) maritima, Wang.

(3) pumila, L.

(4) Pennsylvanica, L.

(5) spinosa, L.

Prunus (5) Virginiana, L.

(6) austriaca, Schk.

2. Spiraea (1) salicifolia, L.

(2) tomentosa, L.

(3) Aruncus, L.

3. Physocarpus opulifolius, Maxim.

4. Cyllenia (1) trifoliata, Moench.

(2) stipulacea, Nutt.

5. Rubus (1) odoratus, L.

(2) Chamaemorus, L.

(3) archicus, L.

(4) triflorus, Rich.

(5) strigosus, Mx.

(6) occidentalis, L.

(7) villosus, Ait.

(8) Canadensis, L.

Rubus (9) hispidus, L.

(10) cuneifolius, Pursh.

6. Salix ~~repens~~ repens, L.

7. Geum album, Gmel.

(2) Virginianum, L.

(3) macrophyllum, Mill.

(4) strictum, Ait.

(5) ovale, L.

(6) triflorum, Pursh.

7. radicans, Mx., var. Pectinatus, Gr.

8. Dryas octopetala, L.

(2) Drummondii, Hook.

9. Waldsteinia fragarioides, Nutt.

10. Fragaria (1) Virginiana, Mill.

(2) vesca, L.

11. Potentilla (1) arguta, Pursh.

(2) norvegica, L.

(3) Pennsylvanica, L.

(4) arguta, L.

(5) fricida, Vill.

(6) supina, L.

? pilosa, Mill.

(7) laevis, Scop.

(8) fruticosa, L.

(9) fridenkha, Ait.

(10) Ansonia, L.

(11) Canadensis, L.

? (12) numoralis, Nees.

12. Silbaldia procumbens, L.

13. Agrimonia (1) Eupatoria, L.

(2) harriflora, Ait.

14. Potirium Canadense, B. & H.

Sanguisorba, L.

15. Rosa (1) blanda, Ait.

(2) Carolina, L.

(3) lucida, Ehrh.

(4) humilis, Marsh.

(5) nitida, Willd.

virginiana,
~~castanea~~, L.

16. Pyrus (1) Eschinaria, L.

(2) arbutifolia, L. f.

var. melanocarpa, Hook.

(3) Americana, DC.

(4) ambucifolia, C. DC.

malus, L.

17. Crataegus

